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71867 759n 12/28/2011

BANNER & WITCOFF, LTD ATTORNEYS FOR CLIENT NUMBER 007412 1100 13th STREET, N.W.

SUITE 1200

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| (Signature | | | | | | |
| (Date | | | | | | |
| Y DOCKET NO. CONFIRMATION NO. | ATTORNEY DOCKET NO. | FIRST NAMED INVENTOR | | FILING DATE | APPLICATION NO. | |
| 112 00280 3863 | 007412 00289 | IAMES R. ADMSTRONG | | 11/23/1999 | 00/447.472 | |

TITLE OF INVENTION: METHOD AND APPARATUS FOR HIERARCHICAL DISTRIBUTION OF VIDEO CONTENT FOR AN INTERACTIVE INFORMATION DISTRIBUTION SYSTEM

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|---|--------------|---------------|---------------------|--|------------------|--------------|
| nonprovisional | YES | \$870 | SO | \$0 | \$870 | 03/28/2012 |
| EXAM | IINER | ART UNIT | CLASS-SUBCLASS | | | |
| CHOWDHURY | , SUMAIYA A | 2421 | 725-092000 | | | |
| CHOWDHURY, SUMAIYA A 2421 I. Change of correspondence address or indication of 'Tee Address' (37 Ctr. I. 156). Change of correspondence address (or Change of Correspondence Address form PTOS/B1/22) attached. The Address' indication (or 'Fee Address' Indication form PTOS/B1/2; Rev 03-02 or more recent) attached. Use of a Customer Number is required. | | | | 3 registered patent attorn yely, e firm (having as a memb igent) and the names of u rneys or agents. If no nam | ieys - | Witcoff, LLC |

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. If an assignce is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

| Comcast IP Holdings I, LLC | Wilm | nington | , Delaware, US | |
|---|----------------|--------------|---|------------|
| se check the appropriate assignee category or categories (will not be printed o | n the patent): | ☐ Individual | ☑ Corporation or other private group entity | Government |
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| a. The following fee(s) are submitted: | 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) |
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| X Issue Fee | A check is enclosed. |
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5. Change in Entity Status (from status indicated above)

interest as shown by the records of the United States Patent and Trademark Office m : 10 0 1 /

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in

| Authorized Signature _ | /Daniel G. Cardy/ | Date | 3/21/2012 | |
|-----------------------------|---|---|---|---------|
| Typed or printed name | Daniel G. Cardy | Registration No | 66,537 | |
| an application. Confidentia | ion is required by 37 CFR 1.311. The information is required lity is governed by 35 U.S.C. 122 and 37 CFR 1.14. This col | Hection is estimated to take 12 minutes t | to complete, including gathering, prepari | ing, an |

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